Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Thursday 23 Mar 2023 until 23:59 on Friday 24 Mar 2023

Forecast Issued on Thursday 23 Mar 2023 at 03:35

Confidence: High for generally unsettled, windy and fairly mild conditions through the next couple of days. Low confidence for details over the weekend, especially for the timings of colder weather extending southwards over the UK.

Headline for Thursday 23 Mar 2023: A windy day with sunny spells and showers.

Mountain weather hazards on Thursday 23 Mar 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Low Likelihood	**Poor visibility** Low Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** Low Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Cloudy	Heavy rain showers	Light rain showers	Heavy rain showers	Heavy rain showers	Heavy rain showers
Precipitation probability					
20%	30%	60%	60%	60%	50%

Forecast for Thursday 23 Mar 2023

Weather: A mixture of sunny spells and occasional showers during the day. Some of the showers could be heavy with a small chance of thunder. A few showers likely to continue into the evening.

Chance of cloud-free hill tops above 600m: 70%.

Low cloud and visibility: Mainly good visibility between showers. Patchy low cloud and fog, mostly above 600m and across western hills, but may briefly come down to 400m in showers with visibility reduced to several kilometres.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Thursday 23 Mar 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	29/38 SW	33/41 SW	28/38 SW	22/31 SW	20/29 S	22/32 SW	25/36 SW
300	23/33 S	26/36 SW	22/32 SW	17/25 SW	14/23 S	15/25 S	17/28 SW
Valley	12/31 S	16/33 S	15/30 SW	11/24 SW	9/22 S	10/25 S	12/27 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	3/-4	4/-2	5/-1	6/1	6/1	5/-0	4/-2
300	5/0	7/2	8/3	9/5	8/5	7/3	6/2
Valley	5/2	8/4	8/5	9/6	8/6	7/4	7/3
Freezing Level*	1000m	1200m	1200m	1300m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Strong winds giving arduous walking conditions at times on the tops and feeling cold with a marked wind chill.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 23 Mar 2023	3.2mm	8.2mm	17.2mm

Forecast for Friday 24 Mar 2023

Weather: Clear spells overnight with showers dying out. A bright morning with brief showers. The showers likely to become heavy, thundery and more frequent in the afternoon, possibly merging into a longer spell of rain and summit sleet. Strong and gusty southwesterly winds.

Maximum wind: Southwesterly 25 to 30mph with gusts 40 to 45mph.

Chance of cloud-free hill tops above 600m: 70% becoming 40% in afternoon.

Low cloud and visibility: Patchy low cloud and fog, mostly above 600m and across western hills in the morning but becoming more persistent through the afternoon with patches down to 400m. Mainly good visibility away from cloud but poor at times in showers.

Temperature: **Valleys:** Plus 6 Celsius rising to 9 or 10 Celsius.
At 600m: Plus 3 Celsius rising to 5 or 6 Celsius.
Freezing level: Above summits.

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